



## **Forscherguppe 1075**

Regulation und Pathologie von  
homöostatischen Prozessen  
der visuellen Funktion

### **Vortragsankündigung**

## **"Transcriptional regulation in macrophages"**

### **Professor David Hume**

The Roslin Institute and Royal Dick School of Veterinary Sciences  
University of Edinburgh

am Donnerstag, den 23. April 2009 um 18.00 Uhr  
im Klinikum der Universität, Seminarraum A2



David Hume is internationally known for his original work in defining the mononuclear phagocyte system, e.g. macrophages and microglia. Creating several animal models relevant for macrophage biology, including MacGreen and MacBlue mice, he continues to be a world leader in studies on transcriptional control and inducible gene expression of these cells. His laboratory runs a unique resource of information on macrophage biology at [www.macrophages.com](http://www.macrophages.com).

David Hume is a pioneer of systems biology, and has contributed tremendously to the field. In 2000, he won the Dolph Adams Award, Society for Leukocyte Biology, for the most cited review, and in 2001, he received the Amersham-Pharmacia Biotechnology Award. David Hume was a Professor at the Institute for Molecular Bioscience for nearly twenty years, and is now an Honorary Professor of the University of Queensland.

Since 2007, David Hume is the Director of the newly established Edinburgh Bioscience Research Centre, which merges prestigious Scottish research institutions such as the Roslin Institute, which cloned Dolly the sheep. His recent research tries to understand how macrophages differentiate under the influence of macrophage colony-stimulating factors and how cells of this lineage are able to respond to environmental signals such as microorganisms.



Universität Regensburg  
Sprecher der FOR 1075: Prof. Dr. Ernst Tamm,  
Lehrstuhl für Humananatomie und Embryologie